

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/03802

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 987 466 A (GREER TIMOTHY DAN ET AL) 16 November 1999 (1999-11-16) column 2, line 20 - line 32 column 3, line 26 - line 50 column 4, line 44 - line 58 column 5, line 1 - line 5 column 5, line 10 - line 24 figures 2,4	1-4, 6-13, 17-19, 22-24
A	EP 0 992 922 A (IBM) 12 April 2000 (2000-04-12) abstract; figures 3,6 paragraph '0011! - paragraph '0015! paragraph '0024! -/-	1-24



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

5 November 2002

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Huber, 0

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 6 154 769 A (ROKICKI TOMAS GERHARD ET AL) 28 November 2000 (2000-11-28) column 3, line 32 - line 40 ---	1,17-19, 22-24
A	US 5 778 372 A (CORDELL JOHN PALMER ET AL) 7 July 1998 (1998-07-07) claim 2 ---	1,17-19, 22-24
A	WO 01 90912 A (QMGH INC) 29 November 2001 (2001-11-29) page 5, line 24 -page 6, line 6 page 7, line 10 - line 29 page 43, line 20 -page 44, line 9 ---	1,7,8, 10-12, 17-19, 22-24
A	US 6 343 085 B1 (ALAM BILAL ET AL) 29 January 2002 (2002-01-29) column 5, line 55 -column 6, line 7 -----	1,6-8, 10-13, 17-19, 22-24

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Information on patent family members

International Application No

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